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1980 年 11 月 10 日

- ☐ Drafts
- ☐ Pending
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 - ☒ L4: (2607)
 - ☒ L5: (6317)
 - ☒ L6: (126)
 - ☒ L7: (97) (1)
 - ☒ L8: (35) (1)
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DB6 USPAT, US-PGPUB, EPO, DERWENT

Plurals

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(oils or fats or lecithin or (fatty adj acids)) and (linolenic adj acid) and (stearidonic adj acid) and (eicosapentaenoic adj acid)

A first name A last name Gender Age Date of birth

	U	1	Document	Issue	Da	Pat	Title	Current C	Current X	Retrieval	Inventor	S	C	P	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	12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F. I. Bahdecht all his terms instead.

	U	1	Document	Issue Da	Page	Title	Current O	Current X	Retrieval	Inventor	S	C	P	3	3
61	P	F	US 5223285	1993062		Nutritional product for	426/72	426/73;		DeMichele,					
62	P	F	US 5198468	1993033		Essential fatty acid	514/558	426/188		Horrobin, David F.					
63	P	F	US 5178873	1993011	4	Essential fatty acid	424/422	424/427;		Horrobin, David F.					
64	P	F	US 5158975	1992102		Use of stearidonic acid	514/560	424/188		Guichardant,					
65	P	F	US 5134129	1992072		Methods employing	514/78	514/547;		Lichtenberger,					
66	P	F	US 5130449	1992071		Isolation of stearidonic	554/186	554/191		Lagarde, Michel et					
67	P	F	US 5120760	1992060		Treating tardive	514/458	514/560		Horrobin, David F.					
68	P	F	US 5116871	1992052		Fatty acid therapy and	514/560	424/776;		Horrobin, David F.					
69	P	F	US 5116624	1992052		EFA compositions and	424/702	514/560		Horrobin, David F.					
70	P	F	US 5043329	1991082		Methods and	514/78	514/171;		Lichtenberger,					
71	P	F	US 5032585	1991071	36	Methods and	514/78	514/171		Lichtenberger,					
72	P	F	US 4977187	1990121		Treating schizophrenia	514/560			Horrobin, David F.					
73	P	F	US 4950656	1990082		Methods and	514/78	514/182;		Lichtenberger,					
74	P	F	US 4918063	1990041		Methods and	514/78	514/547;		Lichtenberger,					
75	P	F	US 4701469	1987102	5	Triglycerides, process	514/547	554/224		Mendy, Francois et					

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L4: (260767) oils or fats or lecithin or (fatty adj a
L5: (6317) (oils or fats or lecithin or (fatty adj aci
L6: (126) (oils or fats or lecithin or (fatty adj acid
L7: (97) (oils or fats or lecithin or (fatty adj acids
L8: (35) (oils or fats or lecithin or (fatty adj acids
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DB: USPAT,US,PGPUB,EPD,DERWENT
Default operator: OR
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(oils or fats or lecithin or (fatty adj acids)) and (linolenic adj acid) and
(stearidonic adj acid) and (eicosapentaenoic adj acid)

Accession Accession Date Title Current O Current X Retrieval Inventor S C P 2 3

84	U	1	US 6051754	2001122	Nucleic acid construct				CHAUDHARY, S et						
85	F		WO	1998050	Use of compounds of				BRADLEY, P et al.						
86	F		ZA 9603433	1996103	gem-Diol ester(s) of				HORROBIN, D F et						
87	F		WO	2000052	Tri:glyceride(s) contg. 2				HORROBIN, D F et						
88	F		EP 711503	1997112	Milk (prod.) based				HORROBIN, D F						
89	F		EP 615753	1997062	Use of polyunsaturated				HORROBIN, D F						
90	F		EP 609001	1999020	Synthetic triglyceride(s)				HORROBIN, D F et						
91	F		EP 606012	1999121	Use of compsn. contg.				HORROBIN, D F						
92	F		EP 585027	1998112	Treating or preventing				HORROBIN, D F et						
93	F		EP 585026	2001052	Increasing gut calcium				HORROBIN, D F et						
94	F		EP 656754	2000120	Liq. nutritional prod. for				DEMICHELE, S J et						
95	F		US 5922345	1999071	Use of essential fatty				HORROBIN, D F et						
96	F		EP 454102	1991103	New essential fatty acid				HORROBIN, D F						
97	F		EP 347056	1998040	Schizophrenia				HORROBIN, D F						

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DBs

USPAT, US-PGPUB, EPO, JPO, DERWENT

Plants

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(126) (oils or fats or lecithin or (fatty adj acids))

(97) (oils or fats or lecithin or (fatty adj acids))

(gla or (gamma adj linolenic adj acid)) near5 (stearidonic adj acid) near5 (epa or (eicosapentaenoic adj acid))

US

2003100

9

Combination of lipoic

514/440

514/560

Hasselwander,

US

2003082

233

Elongase genes and

800/281

435/193;

Mukerji, Pradip et

US

2003071

62

Delta4-desaturase

435/134

435/190;

Mukerji, Pradip et

US

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46

Delta4 - desaturase

435/134

435/190;

Mukerji, Pradip et

US

2002121

50

Fatty acid-containing

514/560

Chilton, Floyd H. et

US

2002111

8

Potentialtion of

514/560

Horrobin, David

US 6568351

2003052

11

Methods for raising

119/483

424/93.3

Barclay, William R.

US 6555700

2003042

22

1,3-propane diol esters

554/227

Horrobin, David

US 6459018

2002100

29

Polyunsaturated fatty

800/281

435/419;

Knutzon, Debbie

US 6245811

2001061

13

Fatty acid esters as

514/547

514/546;

Horrobin, David

US 5922345

1999071

8

Nutrition

424/439

514/558;

Horrobin, David F.

US 5914347

1999062

8

Process for the

514/560

514/549

Grinda,

US 5840883

1998112

9

Dextrin ester of fatty

536/103

536/102;

Suzuki, Takanao et

US 5116624

1992052

5

EFA compositions and

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Horrobin, David F.

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(gla or (gamma adj linolenic adj acid)) same (stearidonic adj acid) same (epa or (eicosapentaenoic adj acid))

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2	<input type="checkbox"/>	<input type="checkbox"/>	US 6630157	2003100	8		Therapeutic and dietary	424/439	424/464;		Horrobin, David F.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	<input type="checkbox"/>	<input type="checkbox"/>	US 6624195	2003092	4		Pharmaceutical	514/560			Horrobin, David	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4	<input type="checkbox"/>	<input type="checkbox"/>	US 6610740	2003082	4		Polyethylene glycol	514/549	523/105		Wakefield, Paul	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5	<input type="checkbox"/>	<input type="checkbox"/>	US 6589767	2003070	42		Methods and	435/189			Knutzon, Deborah	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6	<input type="checkbox"/>	<input type="checkbox"/>	US 6568351	2003052	11		Methods for raising	119/483	424/93.3		Barclay, William R.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7	<input type="checkbox"/>	<input type="checkbox"/>	US 6566583	2003052	261		Schizochytrium PKS	800/281	435/252.3;		Facciotti, Daniel et	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8	<input type="checkbox"/>	<input type="checkbox"/>	US 6555700	2003042	22		1,3-propane diol esters	554/227			Horrobin, David	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9	<input type="checkbox"/>	<input type="checkbox"/>	US 6459018	2002100	29		Polyunsaturated fatty	800/281	435/419;		Knutzon, Debbie	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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12	<input type="checkbox"/>	<input type="checkbox"/>	US 6410288	2002062	44		Methods and	435/189	536/23.2		Knutzon, Deborah	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13	<input type="checkbox"/>	<input type="checkbox"/>	US 6407075	2002061	4		Fatty acid treatment	514/34	514/560		Scott, Catherine A.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14	<input type="checkbox"/>	<input type="checkbox"/>	US 6387883	2002051	11		Method for the	514/21	424/523;		Abbruzzese,	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15	<input type="checkbox"/>	<input type="checkbox"/>	US 6340705	2002012	16		Use of .alpha.-linolenic	514/560			Obukowicz, Mark	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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DBs: USPAT, EPO, JPO, DERWENT

Default operator: DR

(gla or (gamma adj linolenic adj acid)) same (stearidonic adj acid) same (epa or (eicosapentaenoic adj acid))

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L14: (23) (gla or (gamma adj linolenic adj acid))

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	U	Document	Issue	Da	Page	Title	Current O	Current X	Retrieval	Inventor	S	C	P	2	3
16		US 6333051	2001122	22		Nanogel networks and	424/484	424/1.65;		Kabanov,	R				
17		US 6331568	2001121	3		Pharmaceutical	514/560	514/458		Horrobin, David	R				
18		US 6326355	2001120	11		Method for the	514/21	424/523;		Abbruzzese,	R				
19		US 6245811	2001061	13		Fatty acid esters as	514/547	514/546;		Horrobin, David	R				
20		US 6184251	2001020	4		Use of arachidonic acid	514/560			Stordy, Barbara	R				
21		US 6150411	2000112	5		Use of DHA as a	514/559	514/573;		Stordy, Barbara	R				
22		US 6140486	2000103	211		Production of	536/23.2	435/69.1		Facciotti, Daniel et	R				
23		US 6140304	2000103	14		Method of and	514/2	514/23;		Sears, Barry D.	R				
24		US 6136574	2000102	44		Methods and	435/134	435/136		Knutzon, Deborah	R				
25		US 6107334	2000082	30		Dietary control of	514/464	514/558;		Chilton, Floyd H.	R				
26		US 6077828	2000062	13		Method for the	514/21	424/523;		Abbruzzese,	R				
27		US 6075183	2000061	52		Methods and	800/281	435/134;		Knutzon, Deborah	R				
28		US 6051754	2000041	52		Methods and	800/281	435/252.3;		Knutzon, Deborah	R				
29		US 6015821	2000011	7		Nicotinic acid esters	514/355	514/277;		Horrobin, David	R				
30		US 5994404	1999113	6		Nervonic acid	514/560	426/601;		Coupland, Keith	R				

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USPAT EPO JPO DERWENT

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31	US 5990164	1999112	4	N-alkylpolyhydroxyamin	514/560	514/557;	Horrobin, David F.						
32	US 5972664	1999102	43	Methods and	435/136	435/189;	Knutzon, Deborah						
33	US 5968809	1999101	44	Methods and	435/254.2	435/189;	Knutzon, Deborah						
34	US 5922345	1999071	8	Nutrition	424/439	514/558;	Horrobin, David F.						
35	US 5914347	1999062	8	Process for the	514/560	514/549	Grinda,						
36	US 5888541	1999033	5	Fatty acid treatment	424/464	424/195.15	Horrobin, David F.						
37	US 5866703	1999020	9	Triglycerides	554/227	554/223;	Horrobin, David F.						
38	US 5840883	1998112	9	Dextrin ester of fatty	536/103	536/102;	Suzuki, Takanao et						
39	US 5837731	1998111	3	Fatty acid treatment	514/560		Vaddadi, Krishna						
40	US 5670540	1997092	5	Triglycerides of fatty	514/549		Horrobin, David F.						
41	US 5620701	1997041	5	Methods of treatment	424/443	424/401;	Horrobin, David F.						
42	US 5618558	1997040	4	Fatty acid treatment	424/464	424/451;	Horrobin, David F.						
43	US 5614208	1997032	6	Methods of treatment	424/443	424/401;	Horrobin, David F.						
44	US 5604216	1997021	5	Compositions	514/182	514/169;	Horrobin, David F.						
45	US 5603959	1997021	6	Fatty acid derivatives	424/490	424/489	Horrobin, David F.						

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(gla or (gamma adj linolenic adj acid)) same (stearidonic adj acid) same (epa or (eicosapentaenoic adj acid))

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- ✖ L14: (23) (gla or (gamma adj linolenic adj acid))
- ✖ L15: (119) (gla or (gamma adj linolenic adj acid))
- ✖ L16: (91) (gla or (gamma adj linolenic adj acid))
- ✖ L17: (2) ("5922345").PN.

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- ✖ (260767) oils or fats or lecithin or (fatty adj acids)
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61	<input type="checkbox"/>	<input type="checkbox"/>	US 5130449	1992071	6	Isolation of stearidonic	554/186	554/191		Lagarde, Michel et	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
62	<input type="checkbox"/>	<input type="checkbox"/>	US 5120760	1992060	5	Treating tardive	514/458	514/560		Horrobin, David F.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
63	<input type="checkbox"/>	<input type="checkbox"/>	US 5116871	1992052	5	Fatty acid therapy and	514/560	424/776;		Horrobin, David F.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
64	<input type="checkbox"/>	<input type="checkbox"/>	US 5116624	1992052	5	EFA compositions and	424/702	514/560		Horrobin, David F.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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66	<input type="checkbox"/>	<input type="checkbox"/>	US 4701469	1987102	5	Triglycerides, process	514/547	554/224		Mendy, Francois et	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
67	<input type="checkbox"/>	<input type="checkbox"/>	US 4701468	1987102	5	Oxidized triglycerides	514/547	554/219;		Mendy, Francois et	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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70	<input type="checkbox"/>	<input type="checkbox"/>	EP 585027	1994030	10	Use of fatty acids for				HORROBIN,	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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72	<input type="checkbox"/>	<input type="checkbox"/>	WO	2003102	41	New delta 5 desaturase				DAS, T et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
73	<input type="checkbox"/>	<input type="checkbox"/>	US	2003092	9	Process for obtaining				ADU-PEASAH, S P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
74	<input type="checkbox"/>	<input type="checkbox"/>	WO	1999121	45	Expressing				KNUTZON, D et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
75	<input type="checkbox"/>	<input type="checkbox"/>	EP 1041896	2003031	1	Fat mixture with				BOEHN, G et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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76			US 6051754	1998102	52		Nucleic acid construct						CHAUDHARY, S et				
77			GB 2323031	1998091	11		Use of polyunsaturated						BRADLEY, P et al.				
78			WO	1998050	55		Use of compounds of						BRADLEY, P et al.				
79			WO	1998042	14		Use of n-6 or n-3						HORROBIN, D F et				
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81			WO	1996101	27		Tri:glyceride(s) contg. 2						HORROBIN, D F et				
82			EP 713653	1996052	7		Fruit juice						HORROBIN, D F				
83			AU 9513480	1995090	6		New anti-inflammatory						HORROBIN, D F et				
84			EP 615753	1994092	4		Use of polyunsaturated						HORROBIN, D F				
85			EP 609001	1994080	5		Synthetic triglyceride(s)						HORROBIN, D F et				
86			EP 606012	1994071	5		Use of compsn. contg.						HORROBIN, D F				
87			EP 585027	1994030	4		Treating or preventing						HORROBIN, D F et				
88			EP 585026	1994030	4		Increasing gut calcium						HORROBIN, D F et				
89			EP 656754	2003092	20		Liq. nutritional prod. for						DEMICHELE, S J et				
90			US 5922345	1992061	8		Use of essential fatty						HORROBIN, D F et				
91			EP 347056	1989122	5		Schizophrenia						HORROBIN, D F				

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